Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 24 Dec 2023 until 23:59 on Monday 25 Dec 2023

Forecast Issued on Sunday 24 Dec 2023 at 02:49

Confidence: High becoming Medium in details from Monday.

Headline for Sunday 24 Dec 2023: Cloudy start, becoming brighter with showers. Very windy, summit severe gales.

Mountain weather hazards on Sunday 24 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers	Light rain showers	Light rain showers	Light rain showers (night)	Partly cloudy (night)
Precipitation probability					
20%	40%	40%	40%	30%	20%

Forecast for Sunday 24 Dec 2023

Weather: Cloudy start but the cloud lifting and breaking during the morning with occasional showers, the showers turning wintry over the summits in the evening. Very windy with gales or severe at height with significant buffeting and the chance of being blown over.

Chance of cloud-free hill tops above 800m: Nil to 20% rising to 60% by midday.

Low cloud and visibility: Extensive cloud, base 200 to 500m, becoming occasional or extensive base 600 to 900m by midday. Visibility moderate to very poor becoming mostly very good by midday, but lowering moderate to very poor in showers and summit cloud.

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Forecast for Sunday 24 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	47/57 W	48/60 SW	49/63 W	44/58 W	42/55 W	37/48 W	29/39 W
600	40/51 W	40/52 SW	39/56 W	35/50 W	34/48 W	30/43 W	24/36 W
300	12/39 W	15/42 SW	17/45 W	16/43 W	15/40 W	14/35 W	11/30 W
Valley	12/34 SW	16/40 SW	18/42 W	17/39 SW	16/36 W	14/31 W	12/27 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	7/0	6/-1	4/-4	3/-6	2/-6	1/-7	1/-7
600	8/2	8/2	6/-0	5/-2	4/-2	4/-3	3/-3
300	10/7	10/6	9/5	7/4	7/3	6/2	6/2
Valley	10/8	11/8	10/7	10/7	10/6	8/6	8/5
Freezing Level*	2000m	1800m	1300m	1300m	1200m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant buffeting and the risk of being blown over at height.

Forecast for Monday 25 Dec 2023

Weather: A few clear spells overnight, but mostly cloudy with showers or longer outbreaks of rain, wintry over the summits early and late in the period. Windy with summit gales.

Maximum wind: West or Southwest 30 to 35mph gusting 50mph.

Chance of cloud-free hill tops above 800m: 40%

Low cloud and visibility: Extensive or overcast cloud, base around 600m, patches to 300m possible. Visibility often moderate to very poor at height, but good or very good at times low down.

Temperature: **Valleys:** Plus 4 rising to 8 Celsius
At 800m: Plus 1 to 3 Celsius
Freezing level: Mainly above the summits, but around the summits early and late in the period.

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Ground Conditions Supplement

Date: Saturday 23 December 2023 Location: Skiddaw summit at 11:45 Full report: There is currently no snow and ice on the Lake District fells. The main hazard today was the high winds with some dramatic Venturi effects where it was being accelerated through cols and over ridges. The 85mph gusts measured today were easily enough to blow the stoutest walker over with a high risk of injury. Walkers really need to have their clothing and navigation systems dialled in to enjoy an adventure in these conditions. The days are getting longer but we still only have 7:16 of daylight to play with with sunset at 15:49. Be prepared for the conditions with plenty of warm and waterproof clothing, hats, gloves, an appropriate method of navigation, food and drink, fully charged mobile phone and a head torch. Temperature: plus 4.5 C, Maximum wind speed 84.7 mph, Wind chill: minus 6.0 C, Average wind speed: 66.8mph

Issued at: 02:49 on Sun 24 Dec 2023

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